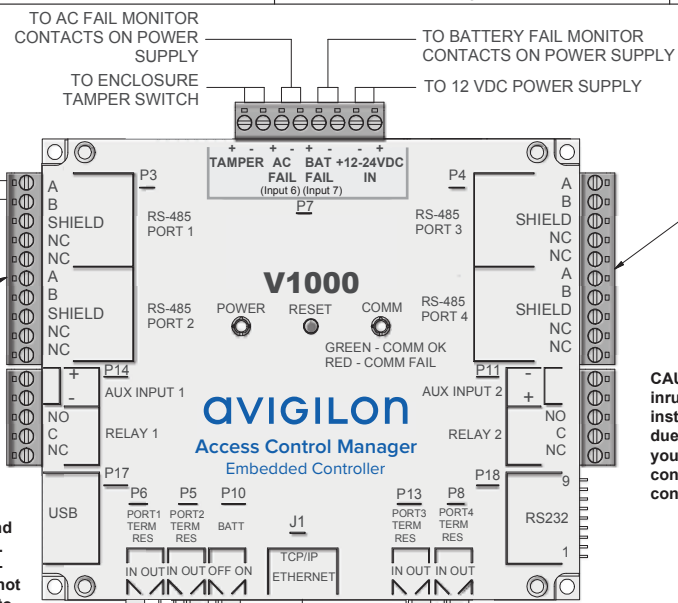


V1000 - ACM Embedded Controller

(REQUIRED)
SEE NOTE 6



SEE NOTE 2

SEE NOTE 2

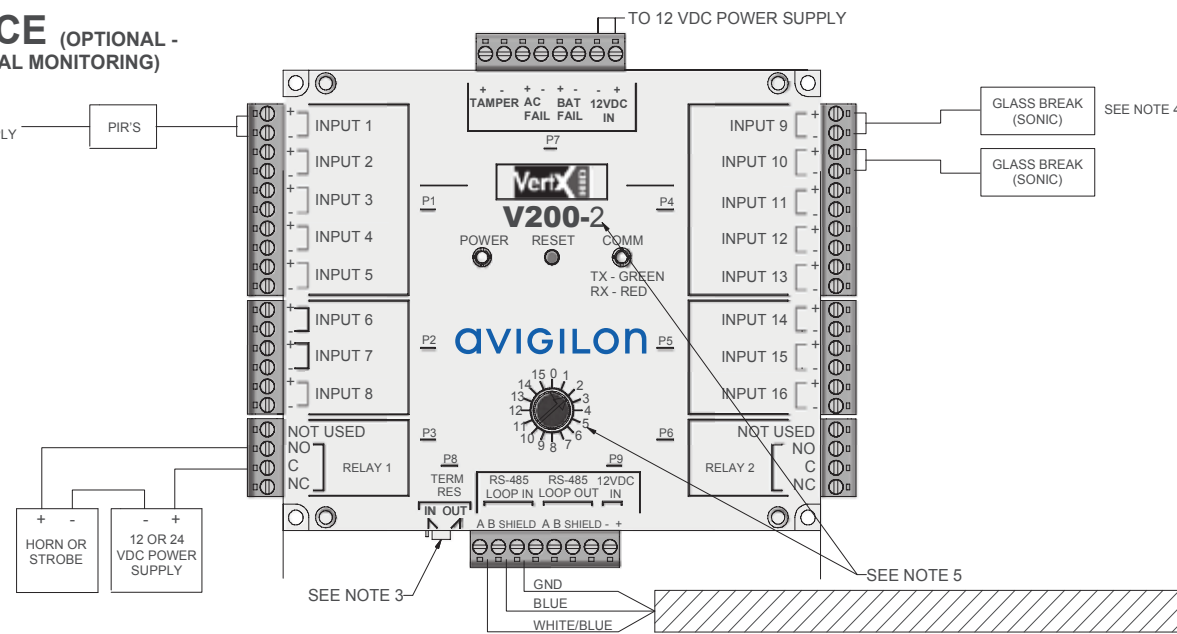
CAUTION: Some magnetic locks exhibit both high inrush current when activated and a high instantaneous break voltage when de-energized due to magnetic field collapse. It is recommended you use of a snubber circuit across the controlling relay terminals to protect the controlling relay contacts.

WARNING: The V1000 is a NON-PoE device. DO NOT connect J1 (Ethernet port) to a PoE capable port. This applies to both direct PoE Power Sourcing Equipment (Endspan PSE) and PoE injector (Midspan PSE) equipment. Not all PSE's correctly detect Non-PoE-capable devices, and such PSE's may not function as expected when connected to Non-PoE equipment. Installation Note: Carefully peel the attached Warning Label from the bottom of the unit and leave the label attached to the unit's cover for future reference.

LAN / WAN /
INTERNET

V200 - INPUT MONITOR INTERFACE (OPTIONAL - ADDITIONAL MONITORING)

TO 12 VDC
POWER SUPPLY



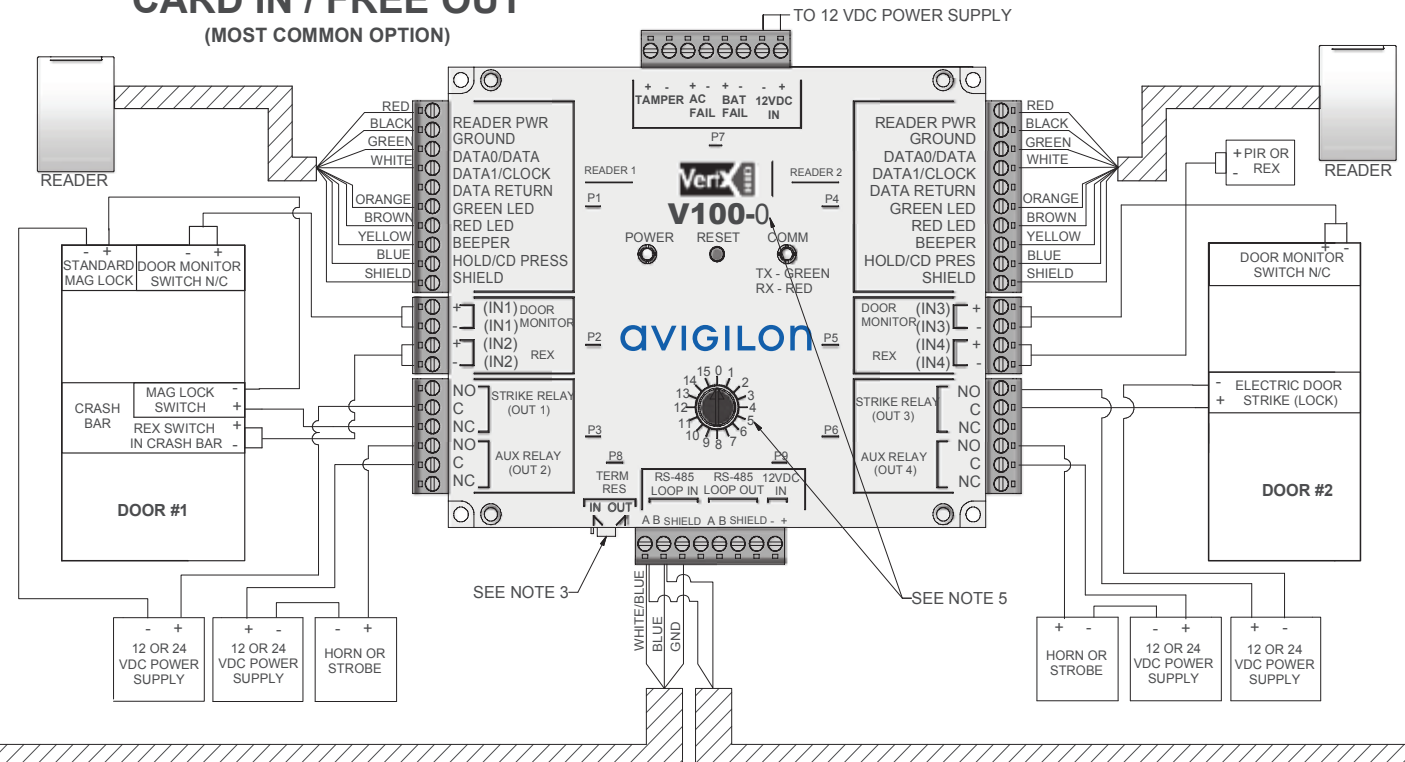
SEE NOTE 3

SEE NOTE 5

SEE NOTE 4

V100 - DOOR/READER INTERFACE CARD IN / FREE OUT

(MOST COMMON OPTION)

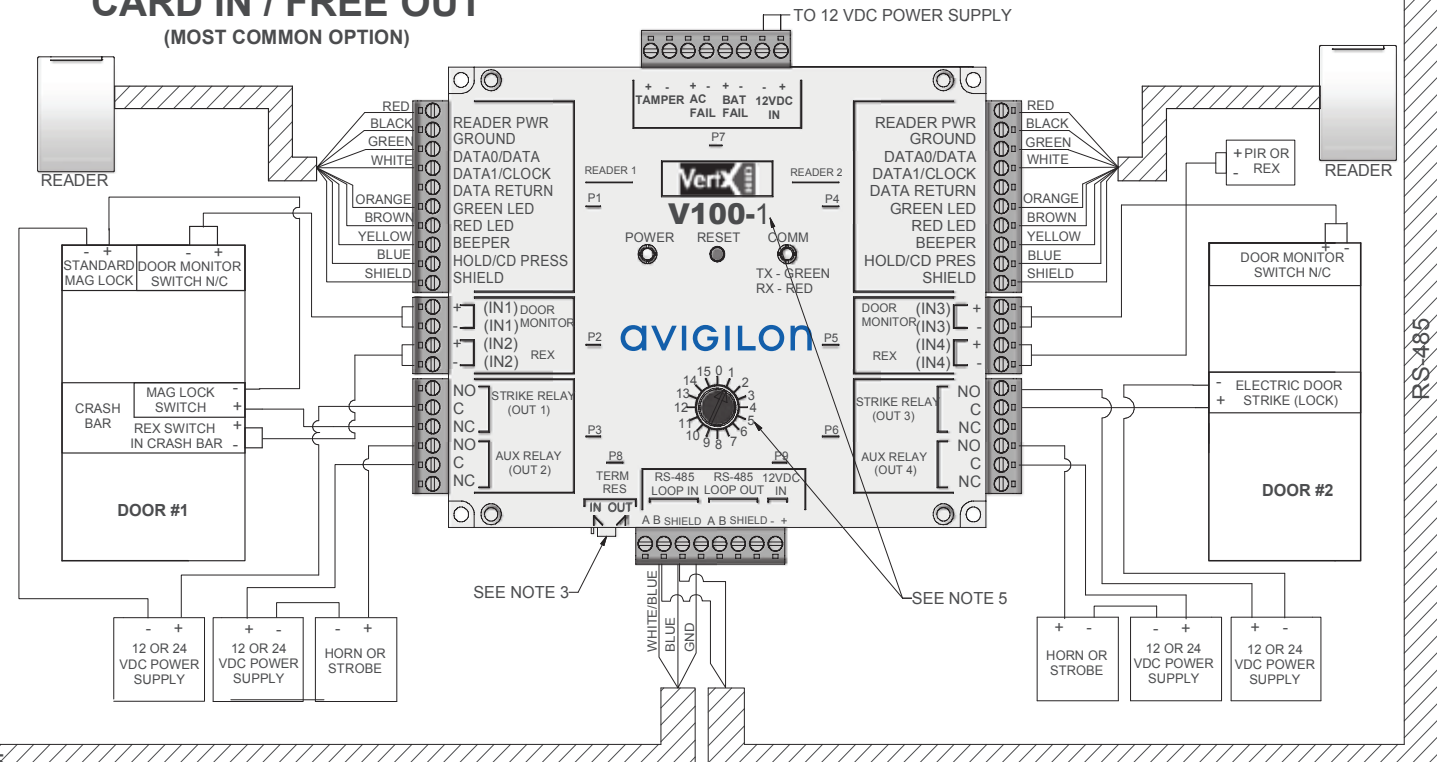


SEE NOTE 3

SEE NOTE 5

V100 - DOOR/READER INTERFACE CARD IN / FREE OUT

(MOST COMMON OPTION)



SEE NOTE 3

SEE NOTE 5

NOTES, UNLESS OTHERWISE SPECIFIED:

- THIS INSTALLATION WIRING DIAGRAM IS INTENDED AS AN EXAMPLE ONLY, AND SHOULD NOT BE INTERPRETED AS THE MANUFACTURER RECOMMENDATION.
- THE V1000 PHYSICAL RS-485 PORT 1 AND 2 RESIDE ON LOGICAL BUS 1 (P3), WHILE PORT 3 AND 4 RESIDE ON RS-485 LOGICAL BUS 2 (P4).
- THE TERMINATION JUMPER SHOULD BE IN THE "OUT" POSITION FOR ALL HID VERTX SERIES PANELS EXCEPT FOR THE LAST VERTX SERIES PANEL ON THE RS-485 RUN. THE LAST VERTX SERIES PANEL MUST HAVE THE TERMINATION JUMPER IN THE "IN" POSITION.
- THE DEFAULT SETTINGS FOR ALL INPUT DEVICES ARE NORMALLY OPEN (N/O), EXCEPT DOOR MONITOR INPUT WHICH IS NORMALLY CLOSED (N/C).
- THIS NUMBER INDICATES THE INTERFACE ADDRESS OF THE HID VERTX UNIT. (DASH NUMBER NOT PRINTED ON ACTUAL COVER). DO NOT DUPLICATE ADDRESSES ON THE SAME BUS.
- SUPPORTS UP TO (ANY COMBINATION OF) 8 INTERFACE PANELS. SEE THE QUICK INSTALL GUIDE FOR DETAILS.

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EXCEPT AS NOTED DIMENSIONS ARE IN INCHES PER ANSI Y14.5M .XX .XXX ANGLES +/- .01 +/- .005 +/- .1	DO NOT SCALE DRAWING		DWG TITLE ACM Embedded Controller Wiring Diagram Example
	APPROVALS	DATE	
MATERIAL	DWGN		SIZE
FINISH	CHK		CAGE CODE
	APVD		DWG NO
	APVD	042616	REV 3
		SCALE: N/A	SHEET: 1 of 1